

SB3 HIGH PRESSURE BRAIDED METAL HOSE




SB3 is a very high pressure corrugated stainless steel hose with a stainless steel braid. It has a higher pressure capacity than the standard braided metal hoses, along with high temperature capacity. It is resistant to bursting, cracking, and crushing even under very high temperatures and accidental exposure to flame, while being flexible and resistant to vibration. Applications include a variety of high pressure liquid and gas transfer. -320F to 1500F.

QTY	HOSE DIA	OAL	FITTINGS	PRES	VAC	BEND RADIUS (DYNAMIC FLEX)	BEND RADIUS (STATIC FLEX)	WEIGHT
	(in)	(in)		(psi)	(in Hg)	(in)	(in)	(lbs/ft)
	1/4			5320	29	5	1	0.4
	3/8			3925	29	5.5	1 1/8	0.52
	1/2			3680	29	7.5	1.5	0.76
	3/4			3555	29	8 1/2	2 1/8	1.6
	1			2810	29	10	2 3/4	2.1
	1 1/4			2500	29	11.5	3 3/4	2.9
	1 1/2			2220	29	13	5	3.6
	2			1680	29	15	6 3/4	4.6
	3			1475	29	21	9	7.3
	4			1225	29	27	11 1/2	13.8
	5			1200	29	32	14	16.8
	6			950	29	37	17	22.2
	8			875	29	46	22	32.4
	10			750	29	56	26	45.4
	12			525	29	62	32	50.4

TEMPERATURE CORRECTION FACTORS FOR PRESSURE (DEG F)

100	150	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400
1.0	0.97	0.94	0.92	0.88	0.83	0.78	0.74	0.7	0.66	0.62	0.6	0.58	0.55	0.5	0.44

CUSTOMER _____ PROJECT _____ ENGINEER _____ CONTRACTOR _____ CERTIFICATION _____					
	<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">MODEL:</td> <td style="text-align: center;">SB3</td> </tr> <tr> <td style="width: 70%;">DRAWN BY: PDB 3/22/05</td> <td style="text-align: center;">HIGH PRESSURE BRAIDED METAL HOSE</td> </tr> </table>	MODEL:	SB3	DRAWN BY: PDB 3/22/05	HIGH PRESSURE BRAIDED METAL HOSE
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